

REMARKS

With claims 1-7 originally pending, new claims 8-15 have been added as shown above. Claims 1, 4 and 5 have been amended as described in more detail below.

**Section 102 Rejection**

Claims 1-7 stand rejected under 35 U.S.C. 102(b) as being anticipated by Young et al. (U.S. Patent No. 5963050, hereafter “Young”). This rejection is respectfully traversed as addressed in regard to the specific claims to follow.

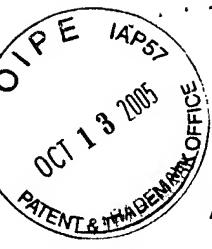
Regarding claim 1, the Office Action states that Young teaches the following features in Figure 6A: coordinating latching of the source signals (J, H) at respective destinations (RV, RZ) with the selecting (F5A, F6A, MH).

In contrast with the Office Action, however, Young does not disclose coordinating latching of the source signals in corresponding capture devices, or destinations, is performed “via a time multiplexing signal generator coupled to the selection device and the capture devices” as claimed in amended claim 1. Applicant’s clock 400 in Figure 4A is coupled by line 401 to both the selection device 404 and the capture devices 407 and 410. In contrast, Young’s clock CK1 in Figure 6A is coupled to destinations, or capture devices, RV and RZ but not to selecting device F5A, F6A, or MH. Again, Young does not disclose coordinating latching of the source signals in corresponding capture devices via a time multiplexing signal generator coupled to the selection device and the capture devices. Accordingly, claim 1 is believed allowable as not anticipated under 35 U.S.C. § 102 by Young.

Claims 2-8 are believed allowable as not anticipated by Young based at least on their dependence on claim 1.

New claims 10 and 13, similar to claim 1, recite a clock coordinating both selection devices and capture devices. Thus like claim 1, claims 10 and 13 are believed allowable as not anticipated by Young based at least on the arguments above with respect to claim 1.

New claims dependent on claims 10 and 13 are likewise believed allowable.



X-1006-1D US  
10/810,034

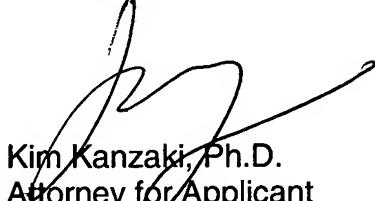
PATENT  
Conf. No.: 8432

### CONCLUSION

All claims should be now be in condition for allowance and a Notice of Allowance is respectfully requested.

If there are any questions, the applicants' attorney can be reached at  
Tel: 408-879-6149 (Pacific Standard Time).

Respectfully submitted,

  
Kim Kanzaki, Ph.D.  
Attorney for Applicant  
Reg. No. 37,652

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on October 11, 2005.

Julie Matthews  
Name

  
\_\_\_\_\_  
Signature